



PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000052640 A

(43) Date of publication of application: 22 . 02 . 00

(51) Int. Cl. B41M 5/00
 B05D 5/04
 B41J 2/01
 D03D 15/00
 // D06M 15/00

(21) Application number: 10223209

(71) Applicant: ASAHI GLASS CO LTD

(22) Date of filing: 06 . 08 . 98

(72) Inventor: TANUMA TOSHIHIRO

(54) INK JET RECORDING MEDIUM AND ITS MANUFACTURE

(57) Abstract:

PROBLEM TO BE SOLVED: To produce a definite and shape printing having weatherability withstanding outdoor use by using a fabric formed of yarn having a porous substance existing between filaments forming the yarn or on the surface thereof to form an ink jet recording medium.

SOLUTION: There is used fabric formed of yarn having a porous substance existing between filaments forming the yarn or on the surface thereof for forming an ink jet

recording medium. In this case, yarn is suitable to be multifilaments, and fabric formed of yarn may be any of woven fabric, knitted fabric and nonwoven fabric. As fiber material, synthetic fiber and natural fiber may be used, and as concrete examples, there are given cotton, silk, wool, polyester fiber, acryl fiber, polyamide fiber, and the like. The porous substance has an effect to make up for ink absorptiveness in recording by an ink jet recording method, and suitable to be particles having an average particle size of 0.1-30 μm , as concrete examples, there are given inorganic substances such as silica and alumina.

COPYRIGHT: (C)2000,JPO